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SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANT: McBride, William
Dean, Richard T.
- (ii) TITLE OF INVENTION: Monoamine, Diamide, Thiol-containing
Metal Chelating Agents
- (iii) NUMBER OF SEQUENCES: 9
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Banner & Allegretti, Ltd.
 - (B) STREET: 10 South Wacker Drive Suite 3000
 - (C) CITY: Chicago
 - (D) STATE: Illinois
 - (E) COUNTRY: USA
 - (F) ZIP: 60606
- (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: US 08/253,973
 - (B) FILING DATE: 03-JUN-1995
 - (C) CLASSIFICATION:
- (vii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: Noonan, Kevin E
 - (B) REGISTRATION NUMBER: 35,303
 - (C) REFERENCE/DOCKET NUMBER: 91,875-J
- (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: 312 715 1000
 - (B) TELEFAX: 312 715 1234
 - (C) TELEX: 910-221-5317

(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 19 amino acids
 - (B) TYPE: amino acid
 - (D) TOPOLOGY: linear
- (ii) MOLECULE TYPE: peptide
- (ix) FEATURE:
 - (A) NAME/KEY: Modified-site
 - (B) LOCATION: 19
 - (D) OTHER INFORMATION: /label= Amide
/note= "The carboxyl terminus is modified to an
amide"
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
Gly Gly Cys Ser Ile Pro Pro Glu Val Lys Phe Asn Lys Pro Phe Val
1 5 10 15

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Tyr Leu Ile

(2) INFORMATION FOR SEQ ID NO:2:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 19 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Gly Gly Cys Ser Ile Pro Pro Glu Val Lys Phe Asn Lys Pro Phe Val
1 5 10 15

Tyr Leu Ile

(2) INFORMATION FOR SEQ ID NO:3:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 6 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

Gly Gly Cys Gly Leu Phe
1 5

(2) INFORMATION FOR SEQ ID NO:4:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 19 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(ix) FEATURE:

- (A) NAME/KEY: Modified-site
(B) LOCATION: 19
(D) OTHER INFORMATION: /label= Amide
/note= "The carboxyl terminus is modified to an amide"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

Arg Gly Cys Ser Ile Pro Pro Glu Val Lys Phe Asn Lys Pro Phe Val
1 5 10 15

Tyr Leu Ile

(2) INFORMATION FOR SEQ ID NO:5:

- (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18 amino acids
(B) TYPE: amino acid
(D) TOPOLOGY: linear

Arg Gly Cys Gln Ala Pro Leu Tyr Lys Lys Ile Ile Lys Lys Leu
1 5 10 15

Arg Gly Cys Gly His Arg Pro Leu Asp Lys Lys Arg Glu Glu Ala Pro
1 5 10 15

Ser Leu Arg Pro Ala Pro Pro Pro Ile Ser Gly Gly Tyr Arg
20 25 30

Gly Gly Cys Arg Pro Lys Pro Gln Gln Phe Phe Gly Leu Met
1 5 10

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(2) INFORMATION FOR SEQ ID NO:8:

(1) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 13 amino acids
- (B) TYPE: amino acid
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(ix) FEATURE:

- (A) NAME/KEY: Modified-site
- (B) LOCATION: 7
- (D) OTHER INFORMATION: /label= D-Phe
/note= "The phenylalanine residue is in the D-stereochemical configuration"

(ix) FEATURE:

- (A) NAME/KEY: Modified-site
- (B) LOCATION: 9
- (D) OTHER INFORMATION: /label= D-Trp
/note= "The tryptophan residue is in the D-stereochemical configuration"

(ix) FEATURE:

- (A) NAME/KEY: Modified-site
- (B) LOCATION: 13
- (D) OTHER INFORMATION: /label= Amide
/note= "The carboxyl terminus is modified to an amide"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

Ala Lys Cys Gly Gly Gly Phe Tyr Trp Lys Thr Phe Thr
1 5 10

(2) INFORMATION FOR SEQ ID NO:9:

(1) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 8 amino acids
- (B) TYPE: amino acid
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(ix) FEATURE:

- (A) NAME/KEY: Modified-site
- (B) LOCATION: 8
- (D) OTHER INFORMATION: /label= Amide
/note= "The carboxyl terminus is modified to an amide"

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

Gly Gly Cys Phe Val Tyr Leu Ile
1 5